



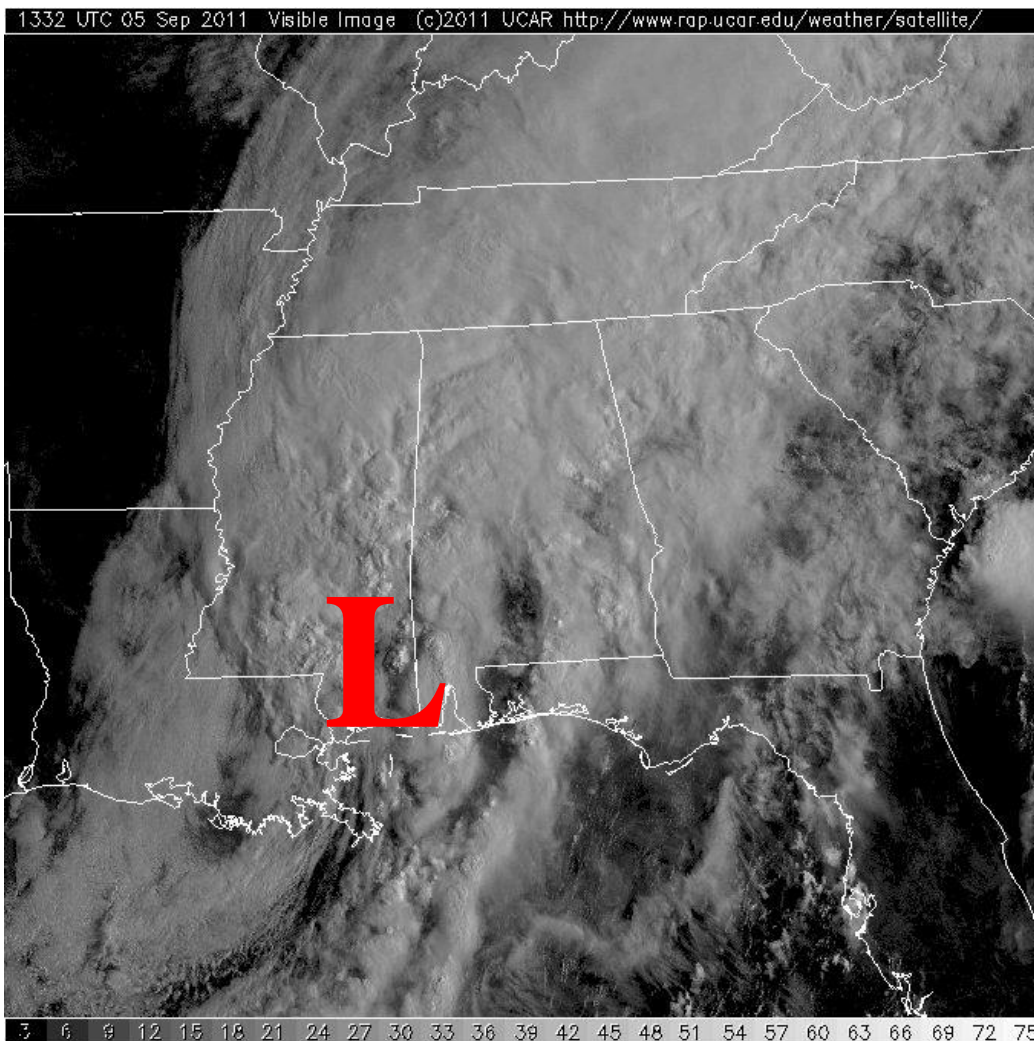
# National Weather Service Tallahassee, Florida



In this update:

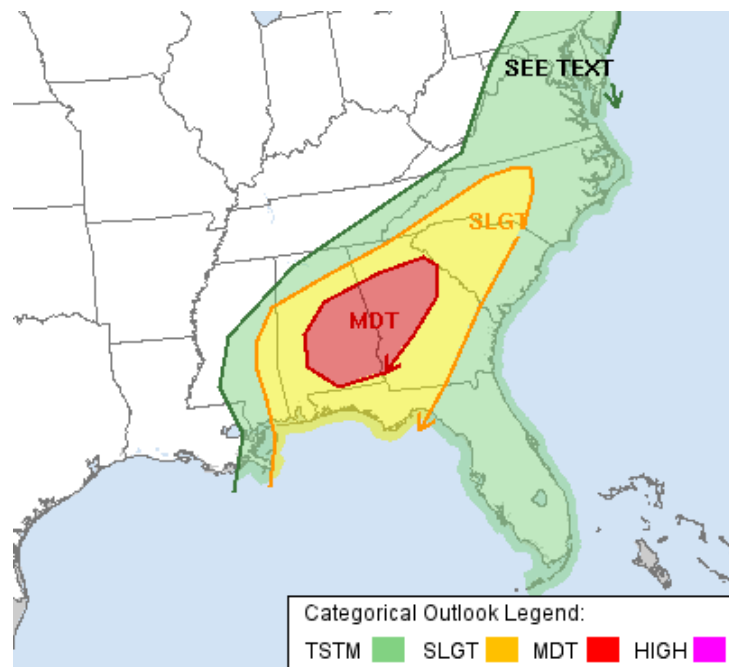
- Moderate Risk of Severe Weather Today
- Inland Flooding Threat continues across parts of the region
- Minor Coastal Flooding through Tuesday morning

## Overview:

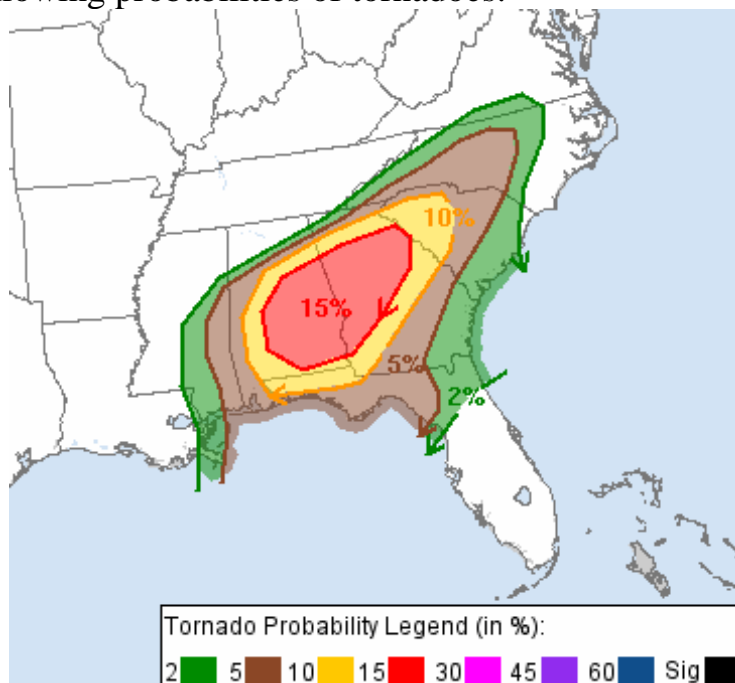


The National Hurricane Center has written the last advisory on Lee. However, the impacts from the system will continue into Tuesday. The remnants of Lee will continue to pump a very warm and moist airmass across the region, generating widespread showers and thunderstorms. In addition, low-level wind shear is forecast to increase significantly through the afternoon hours. This will set the stage for severe weather throughout the day and into this evening. As a result, the Storm Prediction Center has placed a large portion of

our region in a moderate risk for severe weather, with an increased probabilities of tornadoes. This risk area appears below:



Moderate risks are seldom issued in the summer for the Southeast, and when issued, indicate a significant potential for severe weather. The added wind shear associated with the remnants of Lee are providing for a very favorable environment for tornadoes. Associated with this moderate risk is the following probabilities of tornadoes:

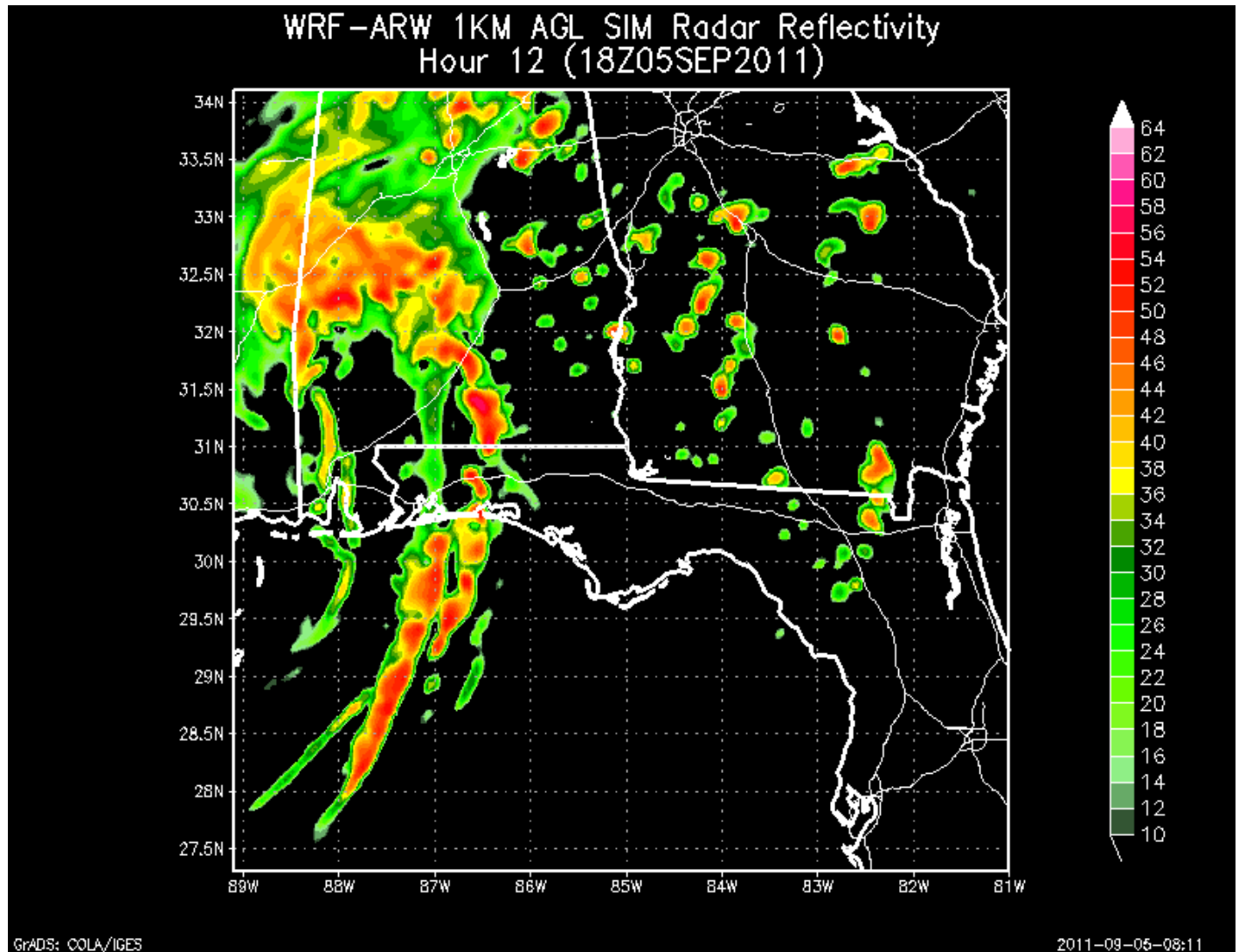


As you can see from the image above, the risk area is greatest across Southeast Alabama and Southwestern Georgia.

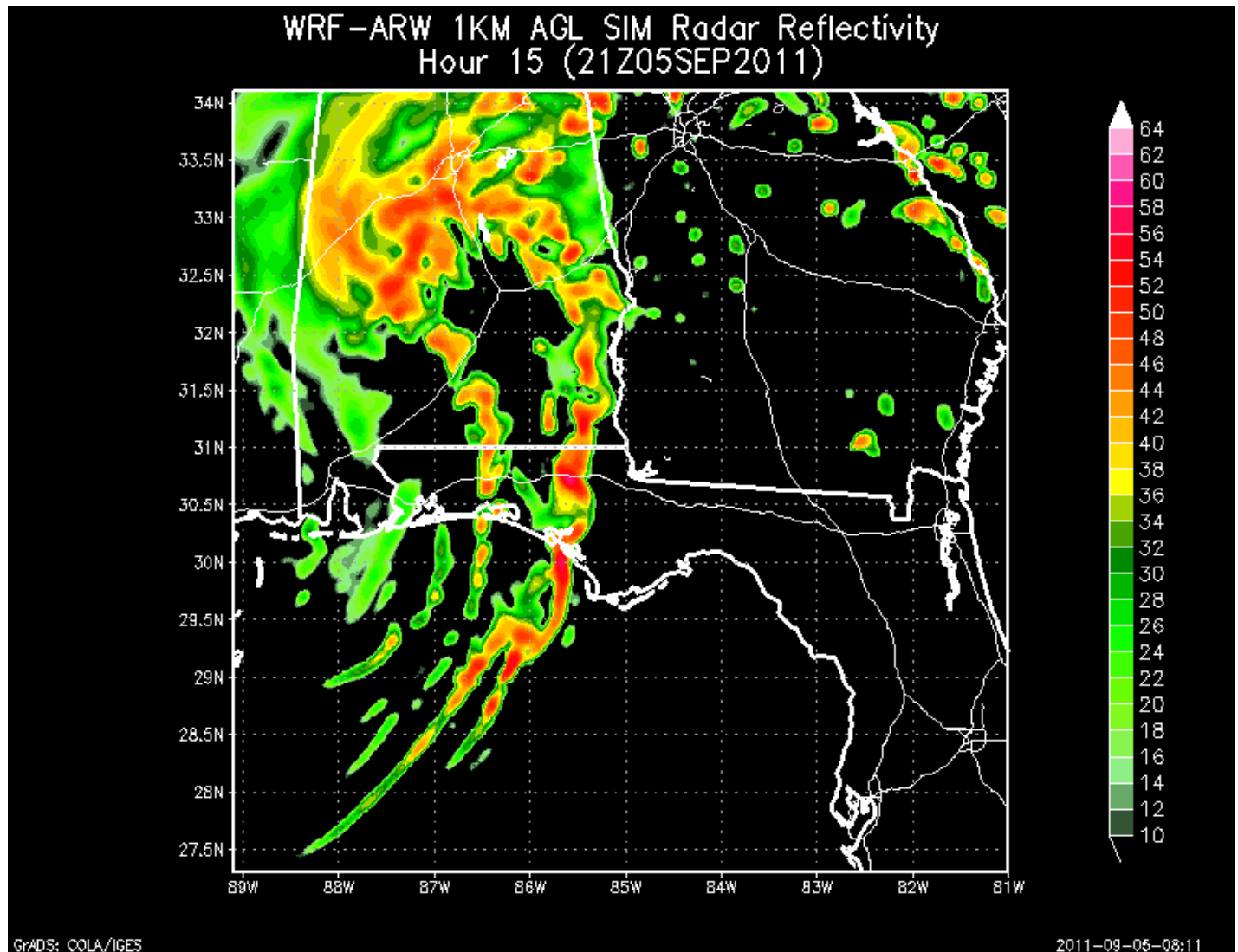
Timing of tornado potential:

Note that these images depict simulated radar reflectivity and show approximate timing.

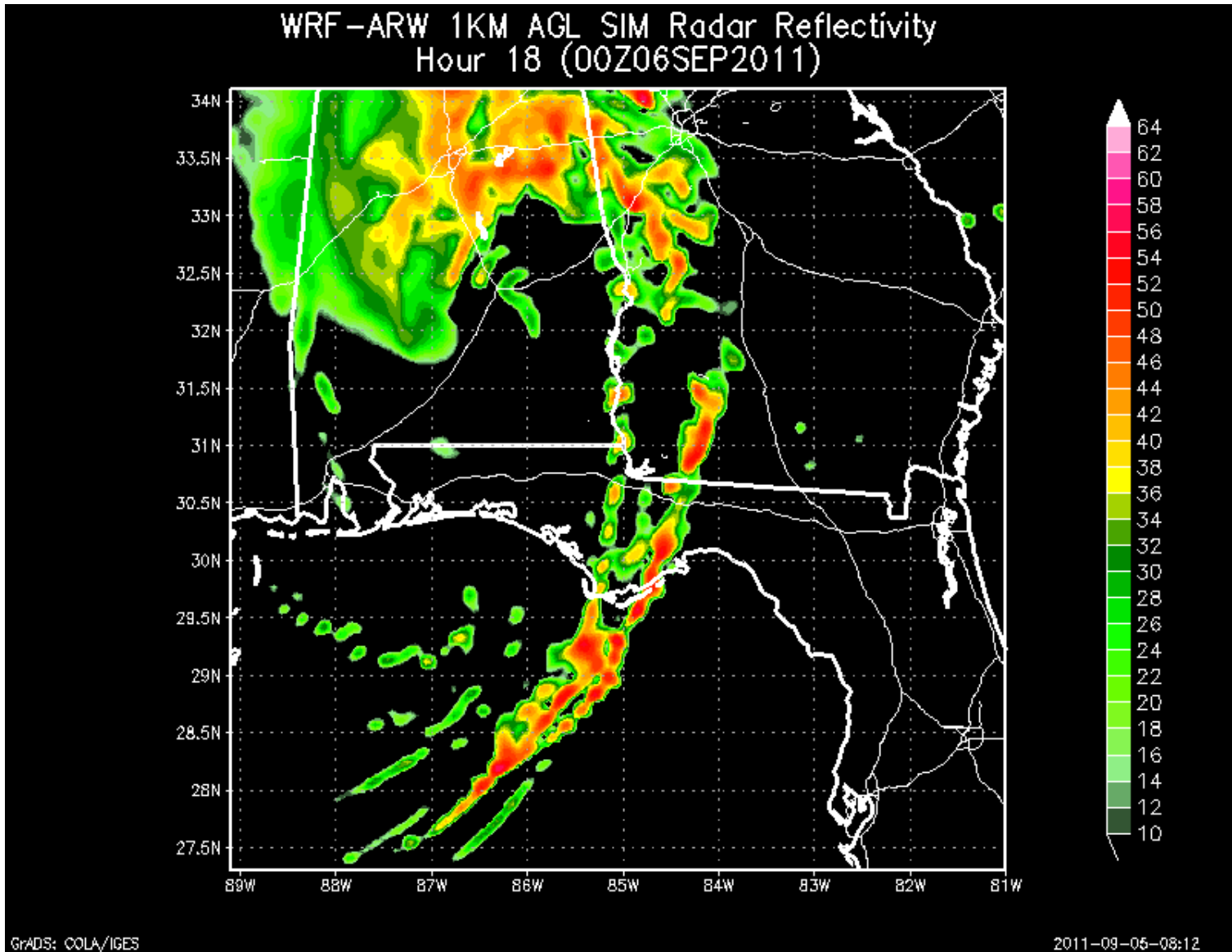
2 pm ET (1 pm CT) Monday Afternoon



5 pm ET (4 pm CT) Monday Afternoon:

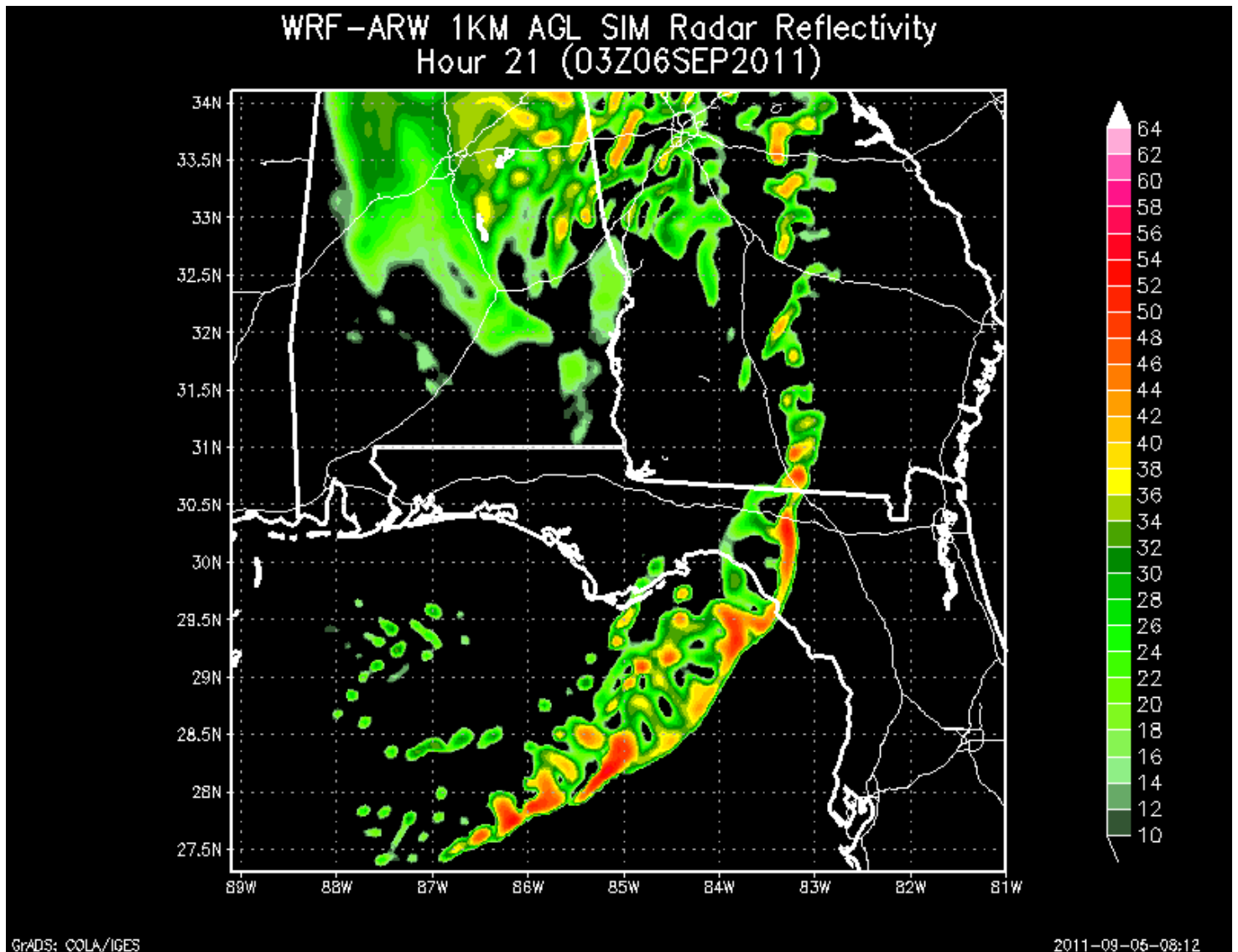


8 pm ET (7 pm CT) Monday Evening:





11 pm ET (10 pm CT) Monday Night:

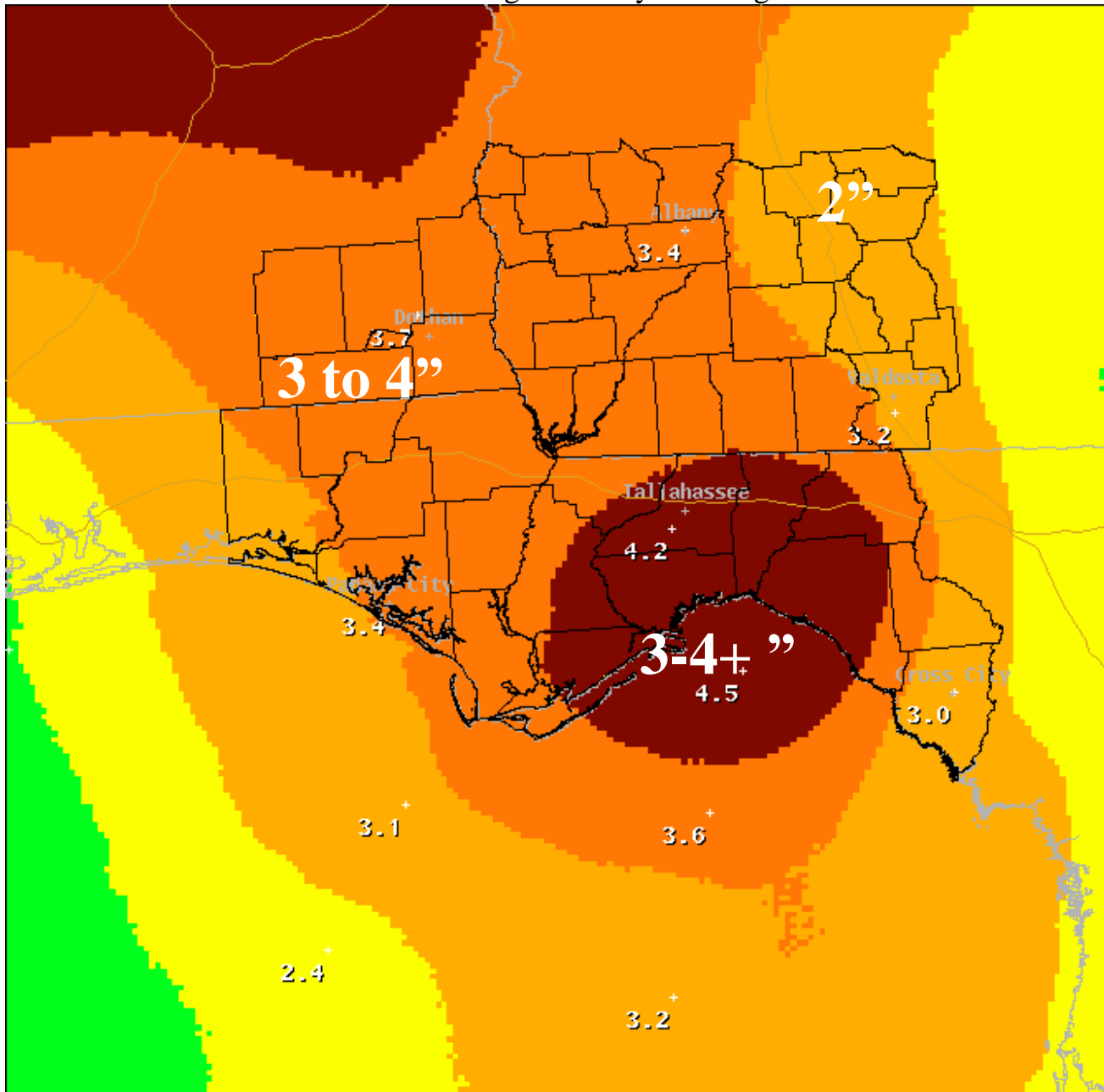


Additional Impacts:

**\*Inland Flooding\***

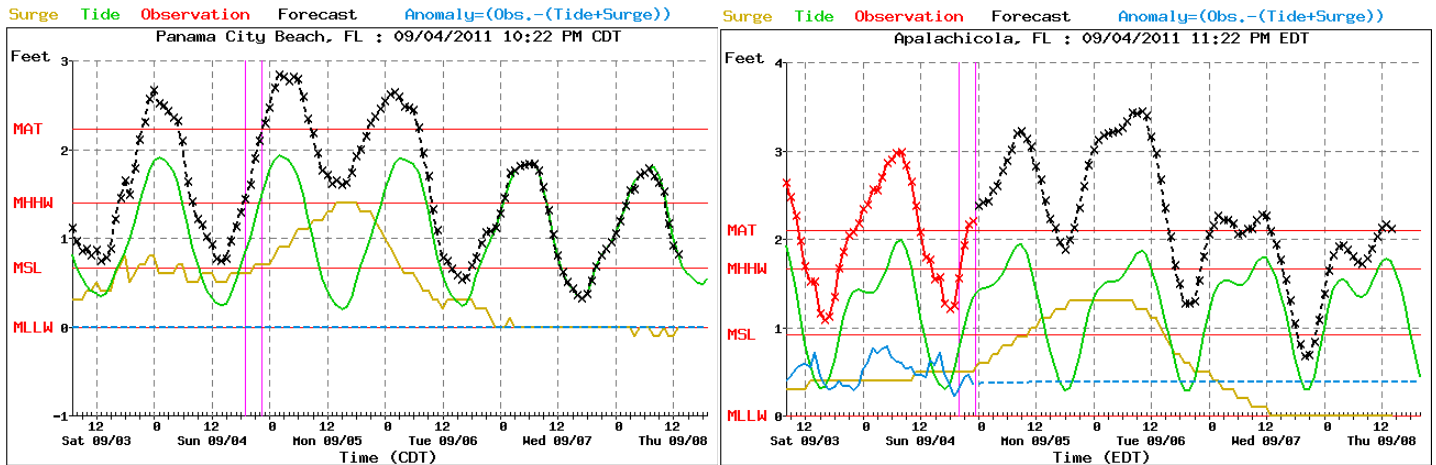
Bands of heavy rain will result in rainfall totals approaching 3 to 4 inches over the next 24 hours, producing storm totals as high as 8 to 12 inches across parts of Southeast Alabama, the Florida Panhandle, and far Southwestern Georgia. Lesser storm total amounts of 3 to 6 inches will be possible further east across South Central Georgia and the Eastern Florida Big Bend.

Additional rainfall accumulations through Tuesday Morning:



## \*\*Coastal Flooding\*\*

Tidal charts for Panama City Beach (left) and Apalachicola (right):



Persistent onshore flow across the Northeastern Gulf of Mexico will continue to result in rising water levels across the coastal areas. With the intensity of the onshore flow expected to peak on Monday afternoon through Monday Evening, water levels are expected to be highest around and just after that time.

The time of highest storm surge now appears as though it will occur during the time of low tide along the Florida Panhandle Beaches from Walton through Gulf County. As a result, coastal flooding in these areas is expected to be minimal, with moderate beach erosion continuing due to high surf.

Further east in the Florida Big Bend, the time of highest storm surge should line up closer with the time of high tide, thus a greater impact is expected around Apalachee Bay. Our greatest concern continues to be centered between 6 am and 11 am ET on Tuesday morning when water levels will be nearing their peak values.



The chart below references potential storm TIDE values relative to mean lower low water. Remember, that Storm Tide is the combination of the PREDICTED astronomical tide and the additive storm surge.

County	High Tide Tues Morn	Maximum Storm Surge	Maximum Storm Tide
Walton	554 am CT	1.5 feet	2.5 feet
Bay	311 am CT	1.5 feet	2.8 feet
Gulf	521 am CT	2 feet	3.5 feet
Franklin	951 am ET	2 feet	4.5 feet
Wakulla/Jefferson	930 am ET	2.5 feet	5.5 feet
Taylor	850 am ET	2.5 feet	6.0 feet
Dixie	854 am ET	2.5 feet	6.2 feet

With the coastal flood potential, there is also a very high risk of rip currents, high surf, and coastal erosion across the region through Tuesday.

#### Summary:

\*\* Tropical Depression Lee is moving inland across Southern Mississippi

\*\* The focus for this event is on locally heavy rainfall, tornadoes, and coastal flooding and erosion. Tornado potential will likely increase later today across Southeast Alabama and Southwestern Georgia.

\*\* An additional 2 to 4 inches of rain is expected through tonight across much of the region. This will bring storm total rainfall amounts to 8 to 12 inches across the Florida Panhandle and Southeast Alabama with lesser values eastward toward Interstate 75.

If you have any questions, please give our office a call at 850-942-8833 or on our toll free line at 800-598-4562 and ask to speak to a meteorologist. We are available 24 hours a day, 7 days a week. You can also reach us on our Southern Linc phone at 1\*77\*284.